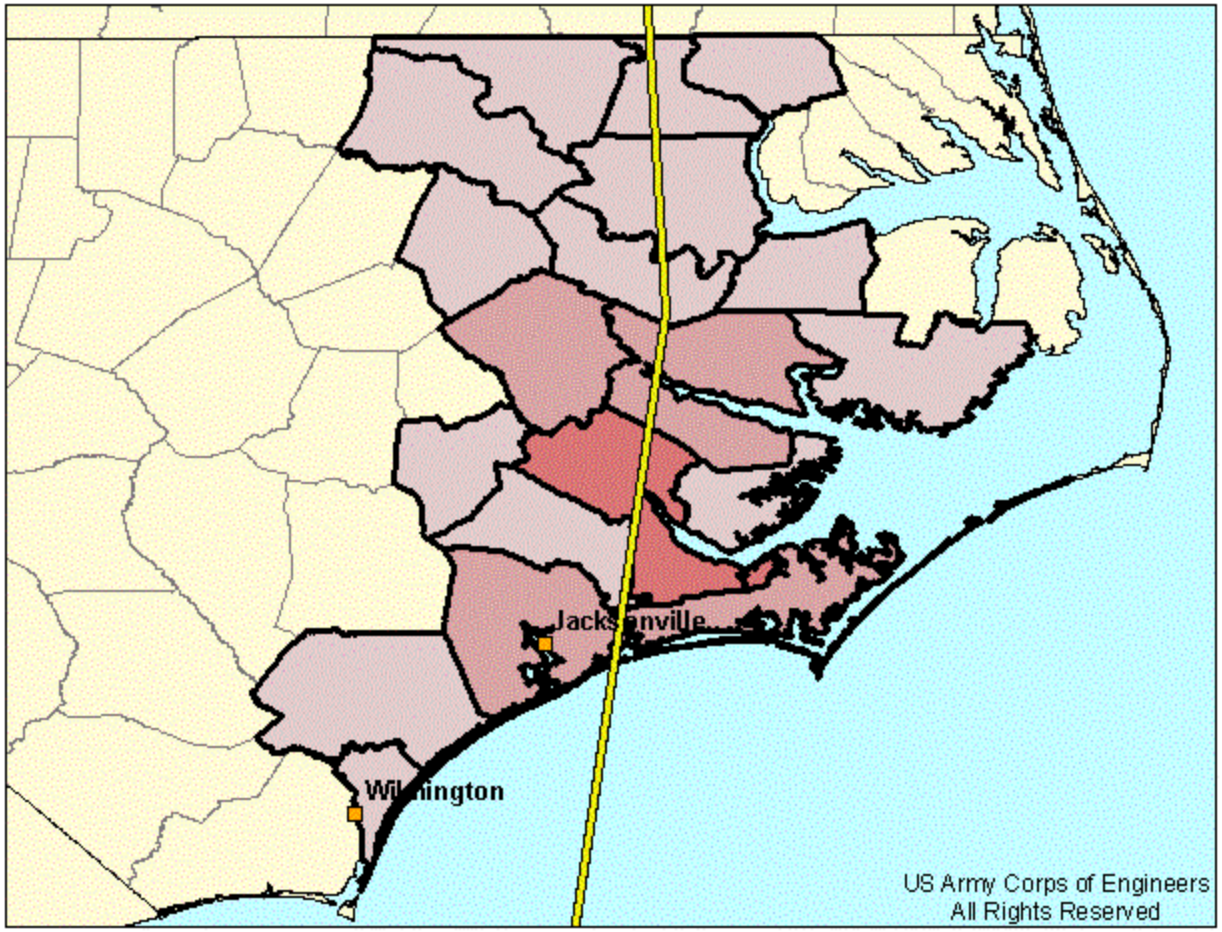
US Army Corps of Engineers

Hurricane NoName 1878 Debris Model

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

North Carolina - 1,186,000 Yards

Model results per County on following page

This model is based on a Category 1 storm making landfall near Swansboro, NC.

Historic Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 1 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (1330 EDT 05/21/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1878 Debris Model

Generated By:
Siemsen, LRL 1400 EDT 05/21/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName 1878 Debris Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Yards per State	County	Yards per County
North Carolina		Beaufort	145,000
		Bertie	22,000
		Carteret	195,000
		Craven	304,000
		Edgecombe	< 1,000
		Gates	< 1,000
		Halifax	< 1,000
		Hertford	24,000
		Hyde	< 1,000
		Jones	30,000
		Lenoir	< 1,000
		Martin	31,000
		New Hanover	15,000
		Northampton	2,000
		Onslow	223,000
		Pamlico	37,000
		Pender	18,000
		Pitt	134,000
		Washington	6,000
North Carolina	1,186,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane NoName 1878 Debris Model

Generated By:
Siemsen, LRL 1400 EDT 05/21/2008

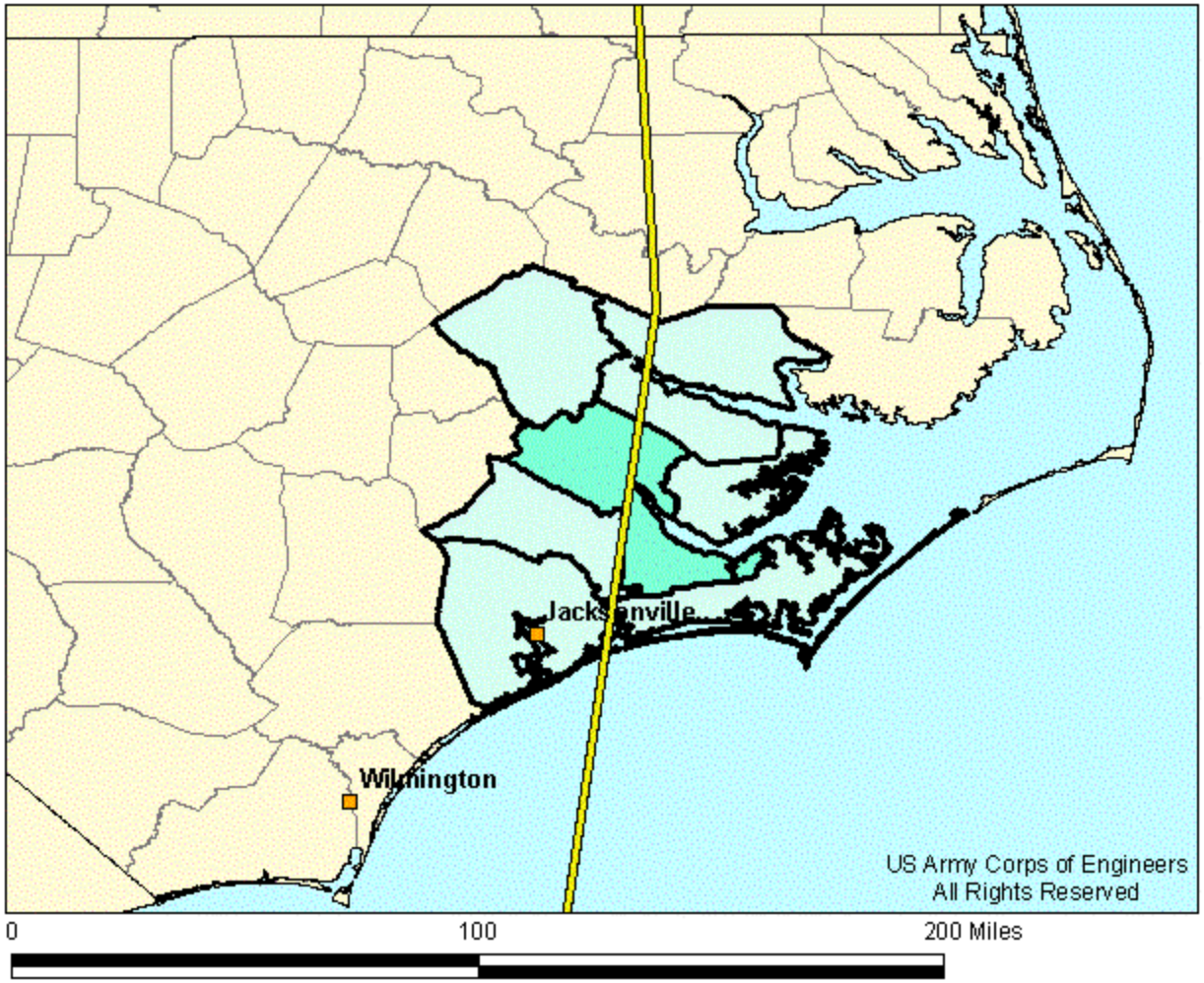
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName 1878 Commodities Model

US Army Corps of Engineers

Landfall Plus About **12** Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three
NC – 5/10/19 Truckloads

Model results per County on following page

This model is based on a Category 1 storm making landfall near Swansboro, NC.

Historic Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 1 storm making landfall near Swansboro, NC. These projections are based on information from the NHC ***(1330 EDT 05/21/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1878 Commodities Model	
Generated By: Siemsen, LRL 1400 EDT 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 3 of 12

US Army Corps of Engineers

Hurricane NoName 1878 Commodities Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Truckloads per State	County	Truckloads per County
North Carolina		Beaufort	2
		Carteret	4
		Craven	6
		Jones	1
		Onslow	4
		Pamlico	1
		Pitt	1
North Carolina	19		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane NoName 1878 Commodities Model

Generated By:
Siemsen, LRL 1400 EDT 05/21/2008

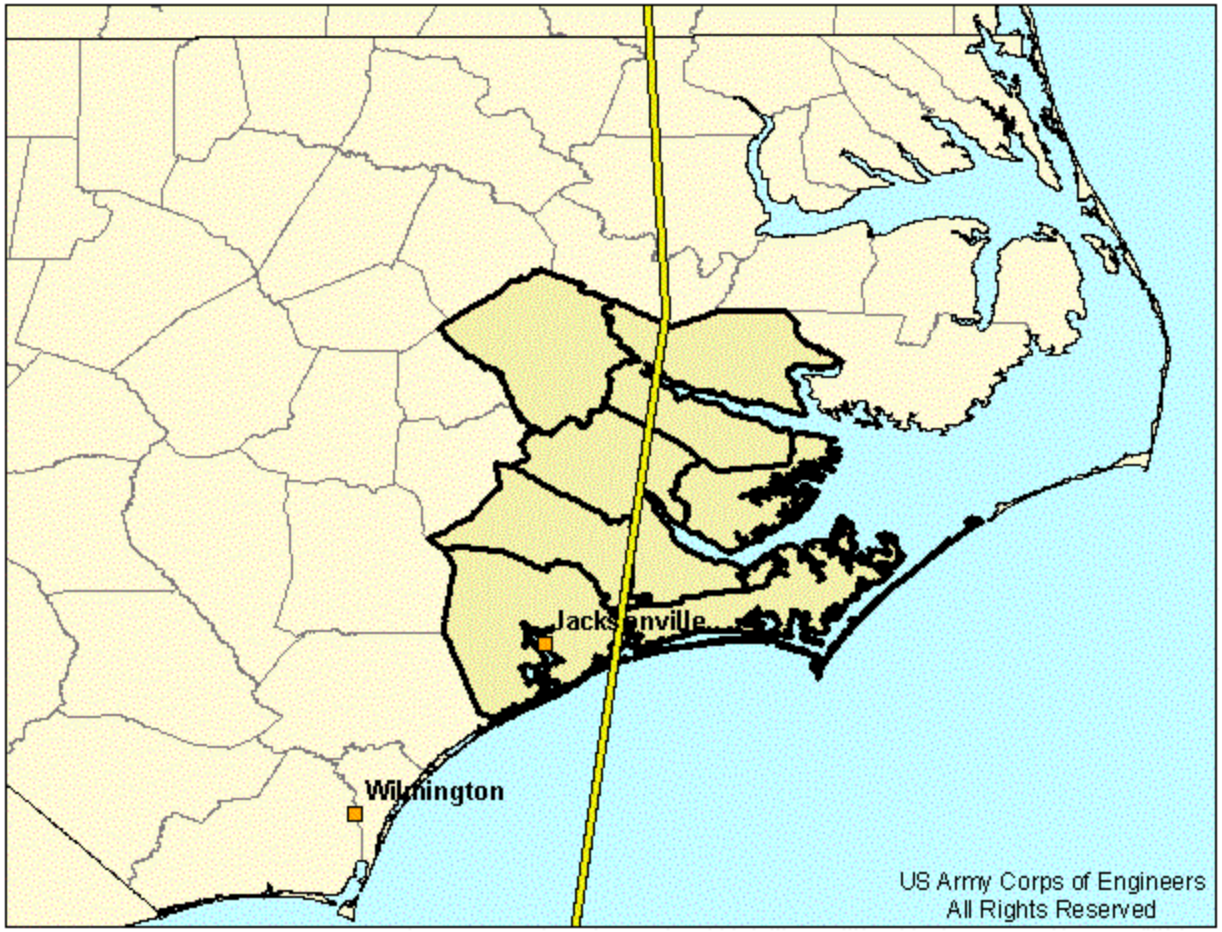
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName 1878 Temporary Roofing Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Temporary Roofing Model Results

North Carolina - 2,600

Model results per County on following page

This model is based on a Category 1 storm making landfall near Swansboro, NC.

Historic Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (1330 EDT 05/21/2008) forecast. Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1878 Roofing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 5 of 12

US Army Corps of Engineers

Hurricane NoName 1878 Temporary Roofing Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
North Carolina		Beaufort	400
		Carteret	700
		Craven	1,000
		Jones	< 100
		Onslow	500
		Pamlico	< 100
		Pitt	< 100
North Carolina	2,600		

Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName 1878 Roofing Model

Generated By:
Siemsen, LRL 1400 EDT 05/21/2008

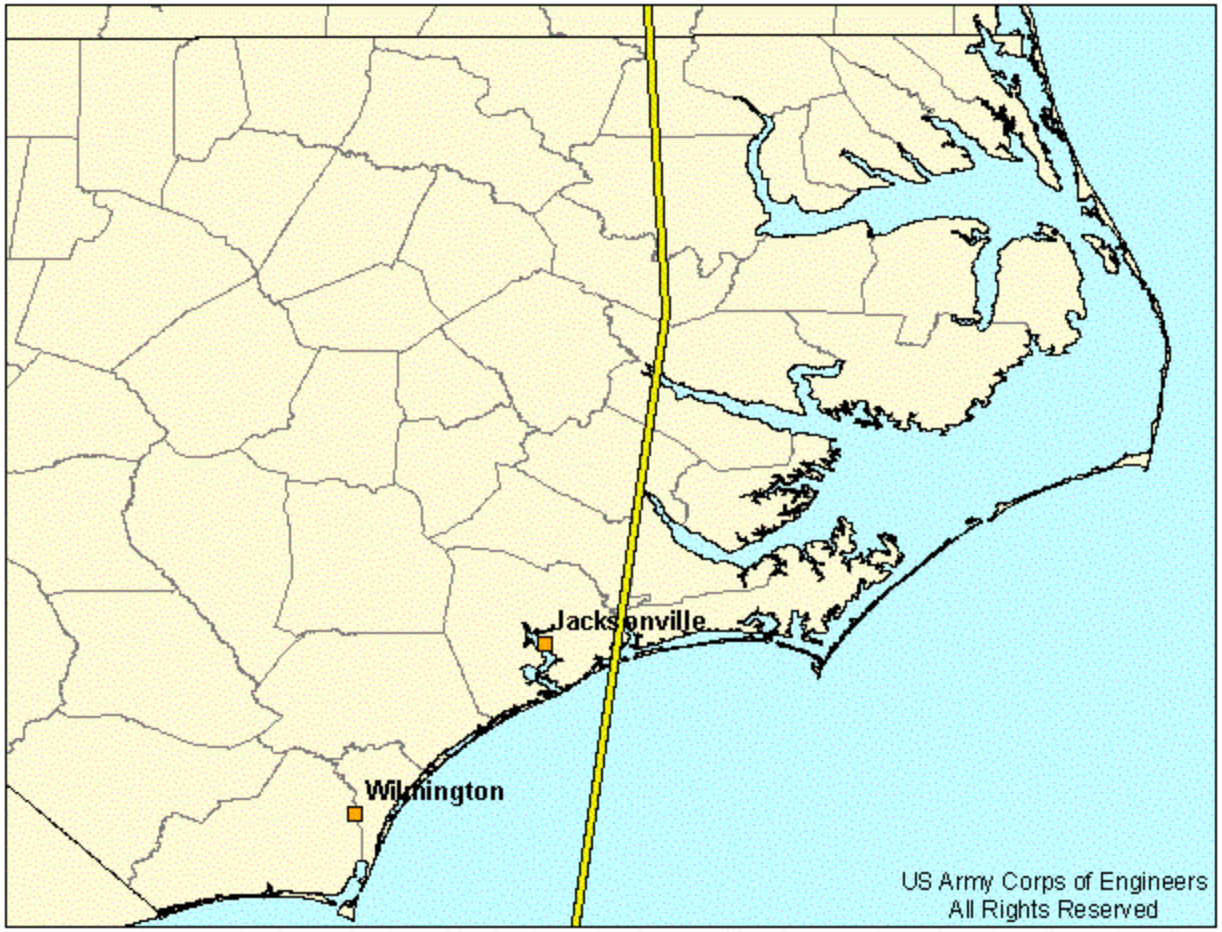
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName 1878 Temporary Housing Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Temporary Housing Model Results

Model results per County on following page

This model is based on a Category 1 storm making landfall near Swansboro, NC.

Historic Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (1330 EDT 05/21/2008) forecast. Temporary housing is based on nothing.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1878 Housing Model	
Generated By: Siemsen, LRL 1400 EDT 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 7 of 12

Hurricane NoName 1878 Temporary Housing Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
		No Temporary Housing need expected	

Temporary housing is based on nothing.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName 1878 Housing Model

Generated By:
Siemsen, LRL 1400 EDT 05/21/2008

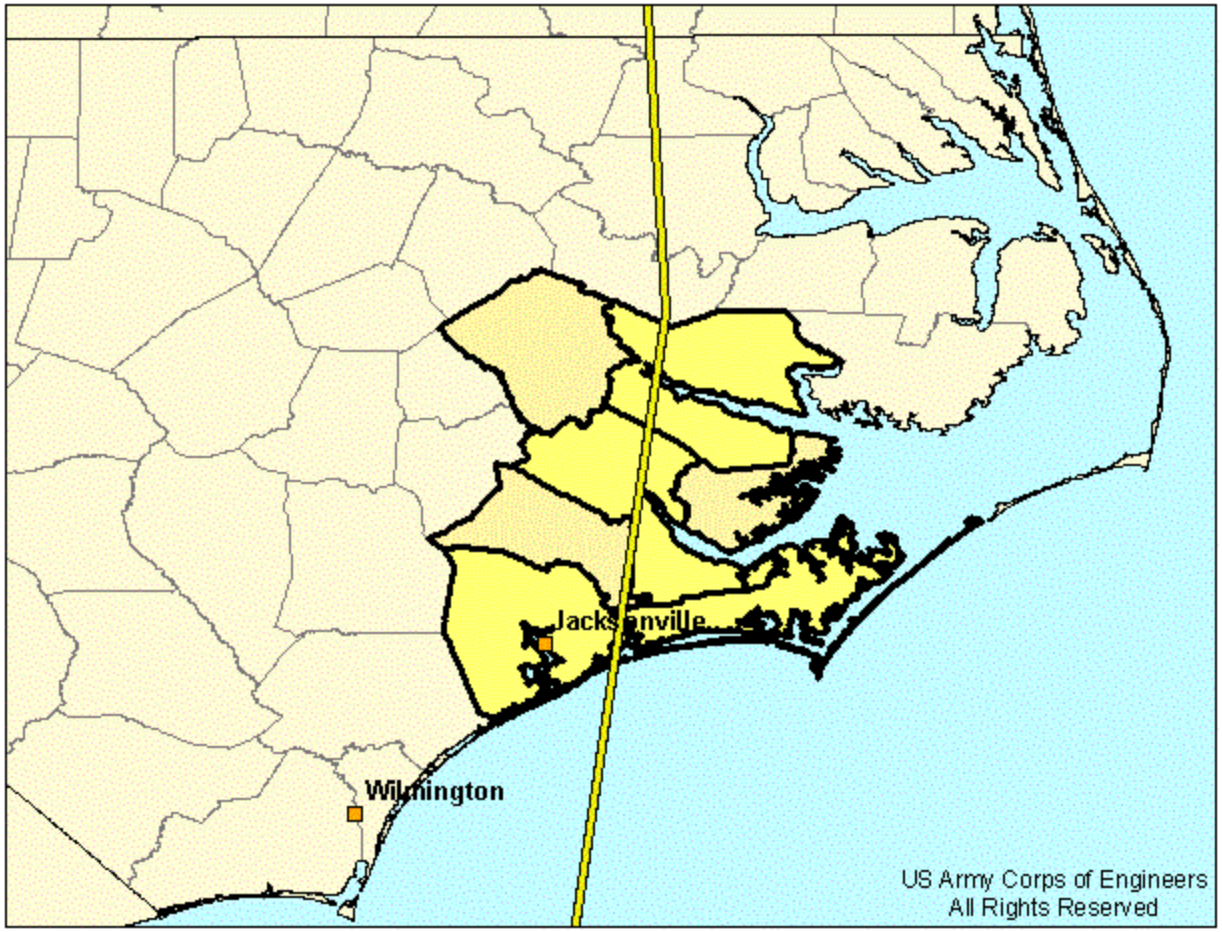
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName 1878 Population Model

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Population Model Results

North Carolina - 227,000

Model results per County on following page

This model is based on a Category 1 storm making landfall near Swansboro, NC.

Historic Track

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 1 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (1330 EDT 05/21/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName 1878 Population Model	
Generated By: Siemsen, LRL 1400 EDT 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 9 of 12

US Army Corps of Engineers

Hurricane NoName 1878 Population Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Population per State	County	Population per County
North Carolina		Beaufort	27,000
		Carteret	48,000
		Craven	87,000
		Jones	5,000
		Onslow	53,000
		Pamlico	7,000
		Pitt	< 1,000
North Carolina	227,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName 1878 Population Model

Generated By:
Siemsen, LRL 1400 EDT 05/21/2008

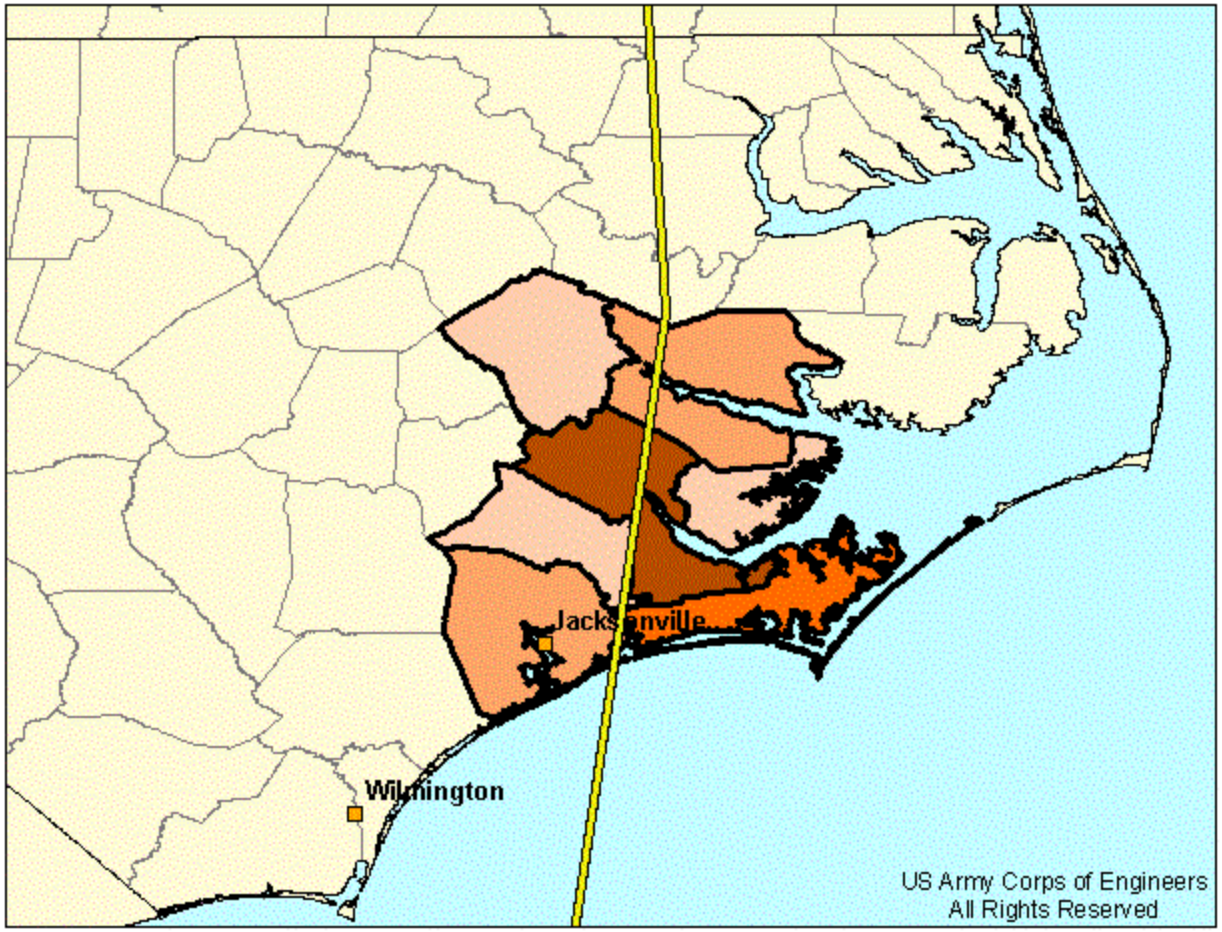
Sources:
HURREVAC
LRL-DEBRIS

Hurricane NoName 1878 Households Model

US Army Corps of Engineers

Landfall Plus About 12 Hours

For Planning Purposes Only!



Post Landfall Households Model Results

North Carolina - 84,000

Model results per County on following page

This model is based on a Category 1 storm making landfall near Swansboro, NC.

Historic Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 1 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (1330 EDT 05/21/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

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Hurricane NoName 1878 Households Model	
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Sources: HURREVAC LRL-DEBRIS	Page 11 of 12

US Army Corps of Engineers

Hurricane NoName 1878 Households Model

Landfall Plus About 12 Hours

For Planning Purposes Only!

State	Households per State	County	Households per County
North Carolina		Beaufort	11,000
		Carteret	21,000
		Craven	33,000
		Jones	2,000
		Onslow	14,000
		Pamlico	3,000
		Pitt	< 1,000
North Carolina	84,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName 1878 Households Model

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Sources:
HURREVAC
LRL-DEBRIS